

**POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI**

**Date of Reporting: 5-Apr-16
System Reliability Indices Report for: 4-Apr-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	2	0.50	2.08
2	ER-NR	0	0.00	0.00
3	Import of NR	2	0.50	2.08
4	NEW-SR	0	0.00	0.00
5	ER-NER	0	0.00	0.00

Percentage(%) of times (N-1) Criteria was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
4	ER-NER	0	0.00	0.00

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

Voltage Profile for the day of 04-Apr-2016

Region	Station	%age of time Voltage below 728/380 kV	%age of time Voltage between 728/380 kV & 800/420 kV	%age of time Voltage above 800/420 kV	Voltage deviation index (%age of time voltage is outside IEGC band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	Agra	0.00%	100.00%	0.00%	0.00%	787	757	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	767	759	762
	Ballia	0.00%	100.00%	0.00%	0.00%	767	745	756
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	772	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	756	756	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	771	740	755
	Jhatikara	0.00%	94.51%	5.49%	5.49%	801	769	787
	Lucknow	0.00%	100.00%	0.00%	0.00%	778	757	768
	Meerut	0.00%	83.06%	9.44%	9.44%	805	775	792
	Moga	0.00%	100.00%	0.00%	0.00%	795	774	783
Phagi	0.00%	100.00%	0.00%	0.00%	778	751	767	
Unnao	0.00%	100.00%	0.00%	0.00%	757	739	748	
WR	Akola	0.00%	100.00%	0.00%	0.00%	747	747	747
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	754	775
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	756	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	765	751	758
	Bina	0.00%	100.00%	0.00%	0.00%	780	758	768
	Champa	0.00%	92.01%	6.18%	6.18%	805	789	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	767	756	760
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	748	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	786	760	773
	Indore	0.00%	100.00%	0.00%	0.00%	777	745	760
	Jabalpur	0.00%	100.00%	0.00%	0.00%	780	760	770
	Koradi	0.00%	100.00%	0.00%	0.00%	751	751	751
	Pune	0.00%	100.00%	0.00%	0.00%	793	755	774
	Raigarh PS (Kotra)	0.00%	99.72%	0.28%	0.28%	801	786	793
	Raipur PS (Durg)	0.00%	99.79%	0.21%	0.21%	804	776	784
	Sasan	0.00%	100.00%	0.00%	0.00%	769	761	765
	Satna	0.00%	100.00%	0.00%	0.00%	776	760	766
	Seoni	0.00%	100.00%	0.00%	0.00%	782	757	770
	Sipat	0.00%	100.00%	0.00%	0.00%	765	753	758
	Sholapur	0.00%	97.78%	1.18%	1.18%	807	770	786
Tamnara PS	0.00%	99.38%	0.63%	0.63%	801	787	794	
Tirora	0.00%	100.00%	0.00%	0.00%	749	749	749	
Vadodara	0.00%	100.00%	0.00%	0.00%	789	764	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	772	763	768	
Wardha	0.00%	100.00%	0.00%	0.00%	795	757	779	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	777	786
	Raichur	0.00%	98.96%	1.04%	1.04%	805	776	789
	Kurnool	0.00%	83.68%	16.32%	16.32%	807	782	794
	Thiruvalam	0.00%	48.54%	51.46%	51.46%	812	788	800
ER	Angul	0.00%	100.00%	0.00%	0.00%	772	760	767
	Gaya	0.00%	100.00%	0.00%	0.00%	762	741	752
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	779	768	773
	Ranchi	0.00%	100.00%	0.00%	0.00%	781	766	773
	Sasaram	0.76%	99.24%	0.00%	0.76%	769	723	742
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	403	409
	Balipara (400 kV)	0.00%	99.72%	0.28%	0.28%	420	394	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	399	410
	Misa (400 kV)	0.00%	93.68%	6.32%	6.32%	425	400	411
	Silchar (400 kV)	0.00%	89.38%	10.63%	10.63%	422	402	413

Remarks: Unless specified, Station may be treated as 765kV S/S.